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Principle of the Impulse Meter and Its Use in New  
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SLA Tr 57-642

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Order from SLA \$1.10

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I. Title: Lange colorimeter  
I. Bauer, R.  
II. Eisen, J.  
III. Lange, B.

Trans. of Metall (West Germany) 1949, v. 3, June,  
p. 187-192.

DESCRIPTORS: \*Industrial equipment, \*Colorimetric  
analysis, \*Photoelectric cells, Test equipment.

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SLA 57-2230

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Trans. of Zeitschrift für Naturforschung (West Germany) 1961, v. 16b [no. 12] p. 839-840.

DESCRIPTORS: \*Magnesium compounds, \*Alkyl radicals, \*Boron compounds, \*Hydrides, Ethyl radicals, Diboranes, \*Chemical reactions, \*Reaction kinetics.

The preparation of magnesium hydride from diethyl magnesium and diborane proceeds by way of magnesium alkyl-boron hydride as intermediate product. New experimental results are communicated. (Author)

(Chemistry--Physical, TT, v. 8, no. 7)

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*R. G. Bauer*

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ACSI J-3066  
ID 2204034467

*L. Bauer*

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**THE MOLD-FILLING PROCESS IN INJECTION MOLD-  
ING OF THERMOPLASTICS** (Der Formfüllvorgang beim  
Spritzguss von Thermoplasten). [1963] [34p] (foreign  
text included) (4 figs omitted) 3rd's  
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Trans. of Kunststoffe (West Germany) 1963, v. 53,  
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**DESCRIPTORS:** \*Thermoplastics, Processing, \*Mold-  
ing, Injection, Molding materials, Polyethylene plastics

In order to comprehend theoretically the mold-filling  
process in injection molding of thermoplastics a model  
representation imitating the theory of wave propagation  
was developed. Speculation was particularly centered  
on the expansion of flowing front in the mold cavity, and  
how much the really appearing flowing front area corre-  
sponds to the theoretically expected flowing front area  
(Materials--Plastics, TT, v. 11, no. 3)      (over)

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<p>Bauer, W. AGING OF PLASTICS FROM A TECHNICAL ASPECT. [1962] 8p. Order from SLA \$1.10</p> <p>Trans. of Kunststoffe (West Germany) 1961, v. 51, no. 3, p. 133-134.</p> <p>DESCRIPTORS: *Plastics, *Age factors, Stresses, Mechanical properties.</p> <p>Changes in plastics with time and the effects produced thereby are discussed. It is established that aging characteristics cannot be given as material values, but only as operational expectancy values connected with use for certain parts. (Author)</p> <p>(Materials--Plastics, TT, v. 8, no. 1)</p>	<p>62-14293</p> <p>I. Bauer, W.</p> <p>62-14293</p> <p>209388</p> <p>Office of Technical Services</p>
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<p>Bauer, W. SYNTHETIC RESIN Jan 64, 1050 words Order from LRA \$10.50</p> <p>Trans. of German patent 656,642, 26 Apr 38.</p> <p>DESCRIPTORS: *Plastics</p>	<p>TT-64-12348</p> <p>I. Bauer, W. II. Patent (Germany) 656 642 III. Literature Service Associates, Bound Brook, N. J.</p>
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No 9, 1964, pp. 276-80.  
NTC 69-11538-11A

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*W. Bauer*

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The "Fission Fungus" is Going around, by  
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Bauerleisen, Erich  
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DESCRIPTORS: Physiology, \*Medical research,  
Kidneys, Blood circulation, Respiration.

(Biological Sciences--Physiology, TT, v. 11, no. 3)

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The Measurement of the Displacement  
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R. Bauerlein, 15 pp.  
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tions and Medicinals from the Effect  
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DESCRIPTORS: \*Annealing, Atmosphere, Exchange  
reactions, Gases, Metals.

(Metallurgy, TT, v. 8, no. 9)

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Scientific - Min/Metals, Chemistry

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Decarburization of Pure Iron-Carbon Alloys and  
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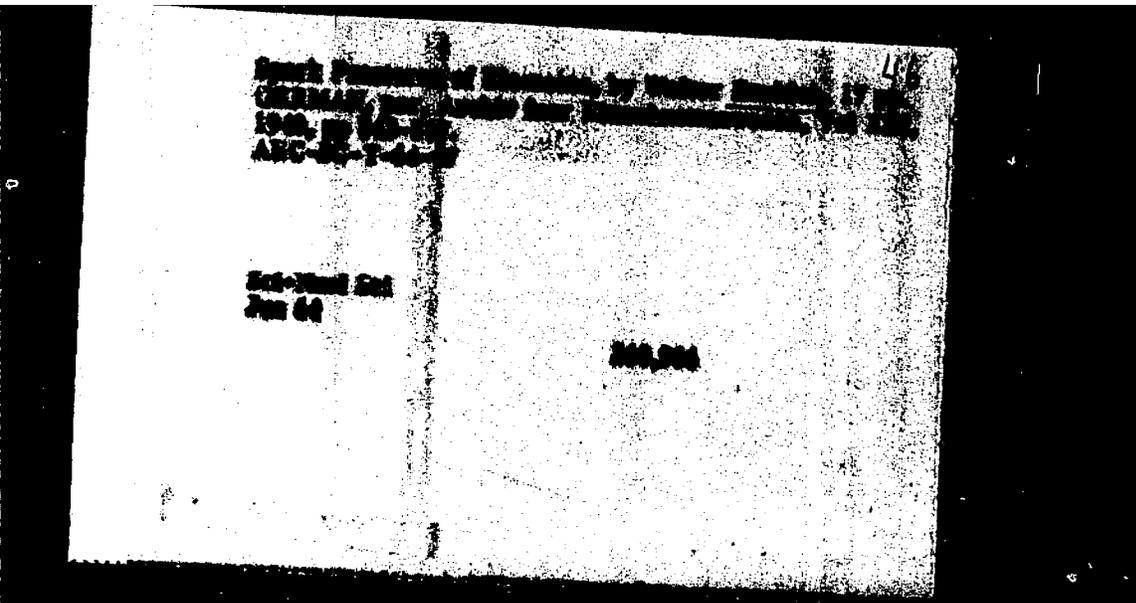
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DESCRIPTORS: \*Cast Iron, \*Hydrogen, \*Water vapor,  
Manganese, Mixtures, Graphite, Carbon, Temperature

(Unannounced)

61-18461

- I. Title: Decarburization
- I. Baukloh, W.
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DESCRIPTORS: \*Cast iron, Iron alloys, Carbon dioxide, Carbon compounds, Monoxides, Mixtures, Temperature, Diffusion, Metallurgy.

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